

**Missouri Department of Health and Senior Services**

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Margaret T. Donnelly
Director



Jeremiah W. (Jay) Nixon
Governor

Courses Accepted for Soil Science/Soil Morphology Credit by the Onsite Wastewater Treatment Program

In general soil science courses that would meet the degree requirements for a college or university Soil Science Program, or other courses with similar content, would be accepted for registration to do soil morphology evaluations for the design of onsite wastewater treatment systems. Courses accepted for soil morphology credit must deal with examination and interpretation of the physical properties of soil, such as color, mottling, texture, structure, topography, landscape position, and redoximorphic features. Below is a list of identified soil science courses offered by universities and colleges in Missouri. An asterisk (*) marks courses accepted for soil morphology credit.

For more information, please contact the Onsite Wastewater Treatment Program at (573) 751-6095.

Central Missouri State University, Warrensburg

AGRI 2330 (3) Introduction to Soil Science
AGRI 2331 (3) Soils
AGRI 4300 (3) Soil Fertility and Fertilizers

College of the Ozarks, Point Lookout

AGR 213 (3) Soil Science
AGR 403 (3) Soil Management

Crowder College, Neosho

AGRN 213 (3) Applied Soils
AGRN 214 (4) Fundamentals of Soil Science
AGRN 221 (1) Soil Evaluation

Lincoln University, Jefferson City

AGR 211P (4) Introduction to Soil Science
AGR 309P (3) Soil Chemistry and Plant Nutrition
AGR 324P (3) Soil Amendments and Environmental Quality
AGR 414 (3) Soil and Water Conservation and Management

Missouri Southern State College, Joplin

EH 311 3/(2)* Soil Morphology and Sewage Systems

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The Missouri Department of Health and Senior Services will be the leader in promoting, protecting and partnering for health.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.

Missouri State University, Springfield

AGA 105	(1.5)	Soils & Crop Science (of 3 hour course)
AGA 215	(3)	Soils
AGA 335	(3)	Soil Conservation & Water Management
AGA 345	(2)*	Soil Judging (morphology credit allowed one time)
AGA 405	(3)	Soil Fertility & Plant Nutrition
AGA 425	(1)	Soil & Crop Management (of 2 hour course)
AGA 455	(2)*	Soil Genesis, Morphology & Classification
AGA 545	(3)*	Soil Survey & Land Appraisal (445)

Northwest Missouri State University, Maryville

AG-03 334	(4)	Soils
AG-03 530	(3)*	Soil Surveying and Land Appraisal
AG-03 532	(3)	Soil Conservation

Southeast Missouri State University, Cape Girardeau

AO 215/015	(3)	Soils
AO 427	(3)	Soil Fertility and Plant Nutrition
GO 655	(3)	Clay Mineralogy
GO 665	(3)	Low Temperature Geochemistry
AO 550	(3)	Soil Conservation
GO 555	(3)*	Soil Classification and Resource Management

Truman University, Kirksville

AGSC 212	(4)	Soil Science
AGSC 410	(3)	Soil Conservation and Management

University of Missouri, Columbia

SOIL 2100	(3)	Introduction to Soils
SOIL 2106	(2)	Soil Science Lab
SOIL 2110	(5)	Introduction to Soil Science with Lab
SOIL 3201	()	Topics in Soil Science (credit arranged)
SOIL 3280	(2)*	Soil Classification
SOIL 3290	(3)	Soils and the Environment
SOIL 4301	()	Topics in Soil Science (credit arranged)
SOIL 4301	(3)*	Topics in Soil Science: Fundamental Soil Morphology
SOIL 4305	(3)	Environmental Soil Physics
SOIL 4306	(2)	Environmental Soil Physics Laboratory
SOIL 4307	(5)	Soil Physics
SOIL 4308	(3)	Soil Conservation
SOIL 4312	(3)	Environmental Soil Microbiology
SOIL 4313	(3)	Soil Fertility and Plant Nutrition
SOIL 4314	(2)	Soil Fertility and Plant Nutrition Lab
SOIL 4316	(1)	Soil Microbial Ecology Methods
SOIL 4318	(3)	Environmental Soil Chemistry
SOIL 4320	(4)/(2)*	Genesis of Soil Landscapes (2 hours of soil morphology credit)
SOIL 4360	(3)	Precision Agriculture Science and Technology
SOIL 4388	(3)	Soil Plant Relationships

*Soil morphology credit allowed.

Check with the university or college regarding enrollment requirements and procedures, class schedules, and course prerequisite requirements.